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INFORMATION DISCLOSURE STATEMENT
Examining Group 1631
Patent Application
Docket No. G-036US03DIV
Serial No. 09/903,190

MARCH 20, 2003

Frank C. Eisenschenk

Frank C. Eisenschenk, Ph.D., Patent Attorney

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : (Unassigned)
Art Unit : 1631
Applicant(s) : Jean-Baptiste Dumas Milne Edwards, *et al.*
Serial No. : 09/903,190
Filed : July 11, 2001
Conf. No. : 9722
For : Complementary DNAs

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 AND 1.98

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, Applicants would like to bring to the attention of the Examiner, the references cited in the following patent application:

U.S. Serial No. 09/247,155, filed February 9, 1999, now U.S. Patent No. 6,312,922.

This information is being submitted prior to the mailing of a first office action on the merits.

37 C.F.R. § 1.98(d) states that a copy of any patent, publication, or other information listed in an information disclosure statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied on for an earlier filing date under 35 U.S.C. § 120.

As copies of the references cited on the attached form PTO/SB/08, can be found in patent application Serial Number 09/247,155, filed February 9, 1999, now U.S. Patent No. 6,312,922, copies of those references are not provided herewith. The subject application, Serial No. 09/903,190, claims the benefit under 35 U.S.C. § 120 of the filing date of patent application Serial Number 09/247,155. Accordingly, Applicants respectfully request that the copies of references supplied in the Information Disclosure Statement of the 09/247,155 application, as well as references cited during prosecution thereof, be made of record in this application.

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO/SB/08 with initials or other appropriate marks. If any additional fee is required, or to credit any overpayment, please use Deposit Account No. 19-0065.

Applicants respectfully assert that the substantive provisions of 37 C.F.R. §§ 1.56, 1.97, and 1.98 are met by the foregoing statements.

Respectfully submitted,



Frank C. Eisenschenk, Ph.D.

Patent Attorney

Registration No. 45,332

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Gainesville, FL 32606-6669

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Attachment: Form PTO/SB/08A & B (3 pages)

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PTO/SB/08A (10-01)

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U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A, PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/903,190
Filing Date	July 11, 2001
First Named Inventor	J.-B. Dumas Milne Edwards
Art Unit	1631
Examiner Name	unknown
Attorney Docket Number	G-036US03DIV

Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US-			
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
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	U18	US-			
	U19	US-			
	U20	US-			

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	F1	WO 96/34981	11/07/1996	Genset		
	F2	EP 0 625 572	11/23/1994	Kanagawa Acad. Of Science and Technol. Foundation		
	F3					
	F4					
	F5					
	F6					
	F7					
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	F10					

Examiner
SignatureDate
Considered

*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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of

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Complete if Known

Application Number	09/903,190
Filing Date	July 11, 2001
First Named Inventor	J.-B. Dumas Milne Edwards
Group Art Unit	1631
Examiner Name	unknown
Attorney Docket Number	G-036US03DIV

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R1	ADAMS, <i>et al.</i> , "Initial assessment of human gene diversity and expression patterns based upon 83 million nucleotides of cDNA sequence", <i>Nature</i> (Supp) (1995), 377:3-17	
	R2	CARNINCI, <i>et al.</i> , "High-efficiency full-length cDNA Cloning by Biotinylated CAP Trapper", <i>Genomics</i> (1996), pp. 327-336	
	R3	Database GENBANK, Accession No. AA400536; Hillier, L., <i>et al.</i> , "WashU-Merck EST Project 1997", unpublished, March 3, 2000	
	R4	Database GENBANK, Accession No. AA281637; "National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index http://www.ncbi.nlm.nih.gov/ncicgap ", unpublished, March 3, 2000	
	R5	Database GENBANK, Accession No. AA402000; Hillier, L., <i>et al.</i> , "WashU-Merck EST Project 1997", unpublished, March 3, 2000	
	R6	Database GENBANK, Accession No. G28389; Myers, R.M., unpublished, April 27, 2000	
	R7	Database GENBANK, Accession No. AA340672; Adams, M.D., <i>et al.</i> , "Rapid cDNA sequencing (expressed sequence tags) from a directionally cloned human infant brain cDNA library", <i>Nat. Genet.</i> (1993), 4:373-380	
	R8	Database GENBANK, Accession No. AA152481; Hillier, L., <i>et al.</i> , "Generation and analysis of 280,000 human expressed sequence tags", <i>Genome Res.</i> (1996), 6(9):807-828	
	R9	Database GENBANK, Accession No. AA029276; "Generation and analysis of 280,000 human expressed sequence tags", <i>Genome Res.</i> (1996), 6(9):807-828	
	R10	Database GENBANK, Accession No. N21474; Hillier, L., <i>et al.</i> , "The WashU-Merck EST Project", unpublished, March 4, 2000	
	R11	Database GENBANK, Accession No. AA281340; "National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index http://www.ncbi.nlm.nih.gov/ncicgap ", unpublished, March 3, 2000	
	R12	Database GENBANK, Accession No. AD000833; Lamerdin, J.E., "Sequence analysis of a 1 Mb region in human 19q13.1", submitted (January 7, 1997) to the EMBL/Genbank/DBJ databases, March 26, 1997	
	R13	HILLIER, <i>et al.</i> , "Generation and Analysis of 280,000 Human Expressed Sequence Tags", <i>Genome Research</i> (1996), 6:807-828	

Examiner
SignatureDate
Considered

*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered Include copy of this form with next communication to applicant

¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	09/903,190
Filing Date	July 11, 2001
First Named Inventor	J.-B. Dumas Milne Edwards
Group Art Unit	1631
Examiner Name	unknown
Attorney Docket Number	G-036US03DIV

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R1	KATO, S., <i>et al.</i> , "Construction of a human full-length cDNA bank", <i>Gene</i> (1994), 150(2):243-50	
	R2	MATTHEWS, <i>et al.</i> , "Analytical strategies for the use of DNA probes", <i>Anal. Biochem.</i> (1988), 169:1-25	
	R3	NOMURA, <i>et al.</i> , "Prediction of the Coding Sequences of Unidentified Human Genes. I. The Coding Sequences of 40 New Genes (KIA0001-KIAA0040) Deduced by Analysis of Randomly Sampled cDNA Clones from Human Immature Myeloid Cell Line KG-1", <i>DNA Res.</i> (1994), 1:27-35	
	R4	VON HEIJNE, G., "A new method for predicting signal sequence cleavage sites", <i>Nuc. Acids. Res.</i> (1986), 14(11):4683-4690; XP0020553954	
	R5		
	R6		
	R7		
	R8		
	R9		
	R10		
	R11		
	R12		
	R13		

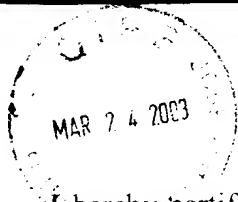
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March 20, 2003

Frank C. Eisenschenk

Frank C. Eisenschenk, Ph.D., Patent Attorney

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT
Examining Group 1631
Patent Application
Docket No. G-036US03DIV
Serial No. 09/903,190

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : (Unassigned)
Art Unit : 1631
Applicant(s) : Jean-Baptiste Dumas Milne Edwards, *et al.*
Serial No. : 09/903,190
Filed : July 11, 2001
Conf. No. : 9722
For : Complementary DNAs

Commissioner for Patents
Washington, D.C. 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 AND 1.98

Sir:

In accordance with 37 C.F.R. § 1.56, the references listed on the attached form PTO/SB/08 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the cited documents are enclosed.

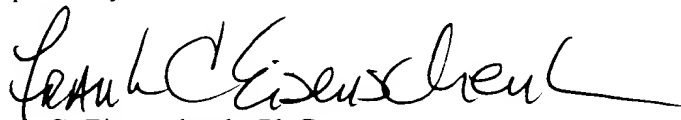
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Applicants respectfully assert that the substantive provisions of 37 C.F.R. §§ 1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,



Frank C. Eisenschenk, Ph.D.

Patent Attorney

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A Professional Association
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Gainesville, FL 32606-6669

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Attachments: Form PTO/SB/08A & B (3 pages)
Copies of references cited
International Search Report

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	09/903,190
Filing Date	July 11, 2001
First Named Inventor	J.-B. Dumas Milne Edwards
Art Unit	1631
Examiner Name	unknown
Attorney Docket Number	G-036US03DIV

Sheet	1	of	2
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US-			
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	U3	US-			
	U4	US-			
	U5	US-			
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	U15	US-			
	U16	US-			
	U17	US-			
	U18	US-			
	U19	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	F1	WO 96/33276	10/24/1996	Human Genome Sciences, Inc.		
	F2	WO 97/07198	02/27/1997	Genetics Institute Inc.		
	F3	WO 98/41628	09/24/1998	Zymogenetics, Inc.		
	F4	WO 99/06548	02/11/1999	Genset		
	F5	WO 99/06550	02/11/1999	Genset		
	F6	EP 0 756 006	01/29/1997	Inst. Genomic Research		
	F7	EP 0 786 519	07/30/1997	Human Genome Sciences, Inc.		
	F8					
	F9					
	F10					

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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First Named Inventor	J.-B. Dumas Milne Edwards
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NON PATENT LITERATURE DOCUMENTS

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	R1	ALTSCHUL, S.F., <i>et al.</i> , "Basic local alignment search tool", <i>J. Mol. Biol.</i> (1990), 215(9):403-410	
	R2	Database EMBL, Accession No. AA716150; 99% identity with Seq. ID: 40 nt, 113-687 reverse orientation, January 6, 1998; XP002102902	
	R3	LOCKHART, D.J., <i>et al.</i> , "Expression monitoring by hybridization to high-density oligonucleotide arrays", <i>Bio/Technology</i> (1996), 14:1675-1680; XP002074420	
	R4	PEARSON, W.R. and LIPMAN, D.J., "Improved tools for biological sequence comparison", <i>PNAS</i> (1988), 85:2444-2448; XP002060460	
	R5	TASHIRO, K. <i>et al.</i> , "Signal sequence trap: a cloning strategy for secreted proteins and type I membrane proteins", <i>Science</i> (1993), 261:600-03; XP000673204	
	R6	YOKOYAMA-KOBAYASHI, M. <i>et al.</i> , "A signal sequence detection system using secreted protease activity as an indicator", <i>Gene</i> (1995), 163:193-195; XP002074420	
	R7		
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